510.6
AMS
v. 26

TABLE OF CONTENTS

VOLUME 26 1924

PAGE

ADAMS, C. R., of Providence, R. I. The general theory of a class of linear partial q-difference equations 283
BELL, E. T., of Seattle, Wash. A new type of class number relations 446
BENDER, H. A., of Urbana, Ill. Determination of all the prime power groups containing only one invariant subgroup of every index which exceeds this prime number 427
BERNSTEIN, B. A., of Berkeley, Calif. Operations with respect to which the elements of a boolean algebra form a group 171
CARLSON, E., of Minneapolis, Minn. Extension of Bernstein's theorem to Sturm-Liouville sums 230
DAVIS, H. T., of Bloomington, Ind. An existence theorem for the characteristic numbers of a certain boundary value problem . . . 1
DINES, L. L., of Saskatoon, Canada. A theorem on the factorization of polynomials of a certain type 17
DOUGLAS, J., of New York, N. Y., Normal congruences and quadruply infinite systems of curves in space 68
EISENHART, L. P., of Princeton, N. J. Space-time continua of perfect fluids in general relativity 205
. Geometries of paths for which the equations of the paths admit a quadratic first integral 378
EVERSULL, B. M., of Cincinnati, Ohio. The summability of the triple Fourier series at points of discontinuity of the function developed 313
GOUWENS, C., of Ames, Iowa. Invariants of the linear group modulo $\pi = p_1^{\lambda_1} p_2^{\lambda_2} \cdots p_n^{\lambda_n}$ 435
GRAUSTEIN, W. C., of Cambridge, Mass. Isometric W-surfaces . . . 176
GRAUSTEIN, W. C., and KOOPMAN, B. O., of Cambridge, Mass. A necessary and sufficient condition that two surfaces be applicable. . 369
HILLE, E., of Princeton, N. J. An existence theorem 241
HUNTINGTON, E. V., of Cambridge, Mass. A new set of postulates for betweenness, with proof of complete independence 257
JACKSON, D., of Minneapolis, Minn. A generalized problem in weighted approximation 133
KOOPMAN, B. O. See GRAUSTEIN, W. C.

587544

PAGE

LAREW, G. A., of Lynchburg, Va. The Hilbert integral and Mayer fields for the problem of Mayer in the calculus of variations . . 61
MACDUFFEE, C. C., of Princeton, N. J. On covariants of linear algebras 124
MORSE, H. M., of Ithaca, N. Y. A fundamental class of geodesics on any closed surface of genus greater than one 25
RICHARDSON, R. G. D., of Providence, R. I. A new method in the equivalence of pairs of bilinear forms 451
———. Relative extrema of pairs of quadratic and hermitian forms . 479
RITT, J. F., of New York, N. Y. Equivalent rational substitutions . 221
RUTLEDGE, G., of Cambridge, Mass. Maclaurin expansion of the interpolation polynomial determined by $2n+1$ evenly spaced points . 113
SILVERMAN, L. L., of Hanover, N. H. The equivalence of certain regular transformations 101
STONE, M. H., of Cambridge, Mass. An unusual type of expansion problem 335
STOUFFER, E. B., of Lawrence, Kans. On the independence of principal minors of determinants 356
THOMAS, T. Y. See VEBLEN, O.
VAN DE WALLE, W. E., of Cambridge, Mass. On the complete independence of the postulates for betweenness. 249
VEBLEN, O., of Princeton, N. J., and THOMAS, T. Y., of Chicago, Ill. Extensions of relative tensors 373
WALSH, J. L., of Cambridge, Mass. On the expansion of analytic functions in series of polynomials 155
WEDDERBURN, J. H. M., of Princeton, N. J. Algebras which do not possess a finite basis 395
WIDDER, D. V., of Cambridge, Mass. A general mean-value theorem 385
WILLIAMS, K. P., of Bloomington, Ind. A uniqueness theorem for the Legendre and Hermite polynomials 441
Errata, volume 25 494